



REPORT OF ANALYTICAL RESULTS

NETLAB Case Number B0515-14

Prepared for:

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Report Date: May 22, 2015

Director
New England Testing Laboratory, Inc.
Lab # RI010

NEW ENGLAND TESTING LABORATORY, INC.

1254 Douglas Avenue, North Providence, RI 02904

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SAMPLES SUBMITTED and REQUEST FOR ANALYSIS:

The samples listed in Table I were submitted to New England Testing Laboratory on May 15, 2015. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to by the client which are indicated on the custody record. The case number for this sample submission is B0515-14.

Custody records are included in this report.

Project: 52015 - R&D Project

TABLE I, Samples Submitted

Sample ID	Date Sampled	Matrix	Analysis Requested
DAF Effluent	5/15/15	Water	Table II
Press 2 Sludge	5/15/15	Soil	Table III

TABLE II, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCB's	3510C	8082A

TABLE III, Analysis and Methods

ANALYSIS	PREPARATION METHOD	DETERMINATIVE METHOD
PCB's	3546	8082A

This method is documented in:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, USEPA/OSW.



CASE NARRATIVE:

Sample Receipt

The samples were all appropriately cooled and preserved upon receipt. The samples were received in the appropriate containers. The chain of custody was adequately completed and corresponded to the samples submitted.

PCBs

All samples were extracted and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria.

RESULTS: PCBs

The presence of the NETLAB LOGO in the top right corner of each page in this section indicates:

The Technical Manager of the Organics Analysis Department certifies that the samples included in this section have been prepared and analyzed using the procedures cited and that the results have been reviewed and approved. Any exceptions or qualifications of substance have been reported in the case narrative.

Sample: DAF Effluent		Analyst's Initials: BJ
Case No. B0515-14		
Date Collected: 5/15/15		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	5/21/15	5/22/15
Analytical Method: EPA 8082A		
Compound	Concentration ug/l (ppb)	Reporting Limit ug/l (ppb)
Aroclor-1016	N.D.	0.2
Aroclor-1221	N.D.	0.2
Aroclor-1232	N.D.	0.2
Aroclor-1242	N.D.	0.2
Aroclor-1248	N.D.	0.2
Aroclor-1254	N.D.	0.2
Aroclor-1260	N.D.	0.2
Aroclor-1262	N.D.	0.2
Aroclor-1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	72	30-110
DCBP	61	30-122

N.D. = Not Detected

Sample: Method Blank		Analyst's Initials: BJ
Case No. B0515-14		
Date Collected: NA		
Sample Matrix: Water		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3510C	5/21/15	5/22/15
Analytical Method: EPA 8082A		
Compound	Concentration ug/l (ppb)	Reporting Limit ug/l (ppb)
Aroclor-1016	N.D.	0.2
Aroclor-1221	N.D.	0.2
Aroclor-1232	N.D.	0.2
Aroclor-1242	N.D.	0.2
Aroclor-1248	N.D.	0.2
Aroclor-1254	N.D.	0.2
Aroclor-1260	N.D.	0.2
Aroclor-1262	N.D.	0.2
Aroclor-1268	N.D.	0.2
Surrogates:		
Compound	% Recovery	Limits
TCMX	85	30-110
DCBP	92	30-122

N.D. = Not Detected

PCB Laboratory Control Spike

Sample Matrix: Water				
Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3510C	5/21/15			5/22/15
Analytical Method: EPA 8082A				
Compound	Amount Spiked mg/l	Result mg/l	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.457	91	40-130
Aroclor 1260	0.500	0.461	92	41-132
Surrogates:				
Compound	% Recovery	Limits		
TCMX	98	30-110		
DCBP	97	30-122		

RESULTS: PCBs

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Sample: Press 2 Sludge		Analyst's Initials: BJ
Case No.: B0515-14		
Date Collected: 5/15/15		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3546	5/18/15	5/20/15
Analytical Method: EPA 8082A		
Compound	Concentration ug/kg* (ppb)	Reporting Limit ug/kg* (ppb)
Aroclor-1221	N.D.	100
Aroclor-1232	N.D.	100
Aroclor-1016	N.D.	100
Aroclor-1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	533	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	40	34-112
DCBP	40	40-121

*Dry Weight Basis
N.D. = Not Detected

Sample: Method Blank		Analyst's Initials: BJ
Case No.: B0515-14		
Date Collected: NA		
Sample Matrix: Soil		
Subject: PCBs	Date Extracted	Date Analyzed
Prep Method: EPA 3546	5/18/15	5/19/15
Analytical Method: EPA 8082A		
Compound	Concentration ug/kg (ppb)	Reporting Limit ug/kg (ppb)
Aroclor-1221	N.D.	100
Aroclor-1232	N.D.	100
Aroclor-1016	N.D.	100
Aroclor-1242	N.D.	100
Aroclor-1248	N.D.	100
Aroclor-1254	N.D.	100
Aroclor-1260	N.D.	100
Aroclor-1262	N.D.	100
Aroclor-1268	N.D.	100
Surrogates:		
Compound	% Recovery	Limits
TCMX	88	34-112
DCBP	83	40-121

N.D. = Not Detected

PCB Laboratory Control Spike

Subject: PCB	Date Extracted			Date Analyzed
Prep Method: EPA 3546	5/18/15			5/19/15
Analytical Method: EPA 8082A				
Compound	Amount Spiked mg/kg	Result mg/kg	Recovery %	Recovery Limits
Aroclor 1016	0.500	0.509	102	55-131
Aroclor 1260	0.500	0.428	86	63-133
Surrogates:				
Compound	% Recovery	Limits		
TCMX	98	34-112		
DCBP	82	40-121		

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CHAIN OF CUSTODY RECORD

B0515-14

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***Netlab subcontracts the following tests: Radiologicals, Radon, Asbestos, UCMRs, Perchlorate, Bromate, Bromide, Sieve Salmonella, Carbamates